



PATENT  
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GAU 1632  
#3  
5-24-01  
D. Dotson

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<u>Moya Kinnealey</u>	<u>Moya Kinnealey</u>
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Rajesh Ranganathan et al.	Art Unit:	1632
Serial No.:	09/717,743	Examiner:	Not Yet Assigned
Filed:	November 21, 2000	Customer No.:	21559
Title:	A NOVEL SEROTONIN-GATED ANION CHANNEL		

Assistant Commissioner For Patents  
Washington, DC 20231

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INFORMATION DISCLOSURE STATEMENT

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Applicant submits the references listed on the attached form PTO-1449.

Submission of this statement is not a representation that a search has been made, nor is information included in this statement an admission that the information is material to patentability.

Under 35 U.S.C. § 120, this application relies on the earlier filing date of application serial number 09/559,622, filed on April 27, 2000. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

Ali et al., "Ionotropic and metabotropic activation of a neuronal chloride channel by serotonin and dopamine in the leech *Hirudo medicinalis*," *Journal of Physiology*, 509.1: 211-219, 1998.

De Montigny et al., "Tricyclic antidepressants: long-term treatment increases responsivity of rat forebrain neurons to serotonin," *Science*, 202:1303-1306, 1978.

Garner et al., "Serotonin activates Cl<sup>-</sup> channels in the apical membrane of rat choroid plexus epithelial cells," *Eur. J. Pharmacol.*, 239:31-37, 1993.

Hung et al., "Regulation of mouse choroid plexus apical Cl<sup>-</sup> and K<sup>+</sup> channels by serotonin," *Brain Res.*, 617:285-295, 1993.

Koumenis et al., "Identification of Three Proteins in the Eye of Aplysia, Whose Synthesis Is Altered by Serotonin (5-HT)," *Journal of Biological Chemistry*, 270(24):14619-14627, 1995.

Lessmann et al., "Two kinetically distinct 5-hydroxytryptamine-activated Cl<sup>-</sup> conductances at Retzius P-cell synapses of the medicinal leech," *J. Neurosci.*, 15:1496-1505, 1995.

Lessmann et al., "Development of Serotonin-Induced Ion Currents in Identified Embryonic Retzius Cells From the Medicinal Leech (*Hirudo medicinalis*)," *The J. of Neuroscience*, 11(3):800-809, 1991

Liu et al., "High-Throughput Isolation of *Caenorhabditis elegans* Deletion Mutants," *Genome Research*, 9:859-887, 1999.

Madison et al., "Phorbol esters block a voltage-sensitive chloride current in hippocampal pyramidal cells," *Nature*, 321:695-697, 1986.

Munsch and Schlue, "Intracellular chloride activity and the effect of 5-hydroxytryptamine on the chloride conductance of leech Retzius neurons," *Eur. J. Neurosci.*, 5:1551-1557, 1993.

Parra et al., "How many subtypes of inhibitory cells in the hippocampus?," *Neuron*, 20:983-993, 1998.

Ranganathan and Horvitz, "mod-1 and mod-5, Two Genes Involved in the Serotonin-Mediated Experience-Dependent Modulation of Locomotion," 1998 East Coast *C. elegans* Meeting, May 12, 1998.

Ranganathan et al., "An Ionotropic Serotonin Receptor and a Serotonin Reuptake Transporter are Involved in Experience-Dependent Modulation of Behavior," 1999 International *C. elegans* Meeting, March 17, 1999.

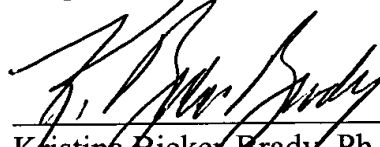
Scrogin *et al.*, "Multiple receptor subtypes mediate the effects of serotonin on rat subfornical organ neurons," *Am. J. Physiol.*, 275(6 Pt 2):R2035-R2042, 1998.

This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account 03-2095.

Respectfully submitted,

Date:

April 5, 2001

  
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